

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.									
	Hex(AE59F0)	Hex(B871F0)	Hex(C389F0)	Hex(CDA1F0)	Hex(D8B9F0)	Hex(E2D1F0)	Hex(EDE9F0)	Hex(F7FFF0)	Hex(FFFFFF0)
Hex(AE59F0)		Ratio: 1.21 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 2.21 Failed ⁵	Ratio: 2.66 Failed ⁵	Ratio: 3.19 AA 18pt ²	Ratio: 3.74 AA 18pt ²	Ratio: 3.79 AA 18pt ²
Hex(B871F0)	Ratio: 1.21 Failed ⁵		Ratio: 1.23 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 2.19 Failed ⁵	Ratio: 2.63 Failed ⁵	Ratio: 3.08 AA 18pt ²	Ratio: 3.13 AA 18pt ²
Hex(C389F0)	Ratio: 1.49 Failed ⁵	Ratio: 1.23 Failed ⁵		Ratio: 1.22 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 2.15 Failed ⁵	Ratio: 2.52 Failed ⁵	Ratio: 2.55 Failed ⁵
Hex(CDA1F0)	Ratio: 1.81 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.22 Failed ⁵		Ratio: 1.22 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 1.76 Failed ⁵	Ratio: 2.06 Failed ⁵	Ratio: 2.09 Failed ⁵
Hex(D8B9F0)	Ratio: 2.21 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.22 Failed ⁵		Ratio: 1.21 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 1.69 Failed ⁵	Ratio: 1.72 Failed ⁵
Hex(E2D1F0)	Ratio: 2.66 Failed ⁵	Ratio: 2.19 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 1.21 Failed ⁵		Ratio: 1.20 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.42 Failed ⁵
Hex(EDE9F0)	Ratio: 3.19 AA 18pt ²	Ratio: 2.63 Failed ⁵	Ratio: 2.15 Failed ⁵	Ratio: 1.76 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 1.20 Failed ⁵		Ratio: 1.17 Failed ⁵	Ratio: 1.19 Failed ⁵
Hex(F7FFF0)	Ratio: 3.74 AA 18pt ²	Ratio: 3.08 AA 18pt ²	Ratio: 2.52 Failed ⁵	Ratio: 2.06 Failed ⁵	Ratio: 1.69 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.17 Failed ⁵		Ratio: 1.01 Failed ⁵
Hex(FFFFFF0)	Ratio: 3.79 AA 18pt ²	Ratio: 3.13 AA 18pt ²	Ratio: 2.55 Failed ⁵	Ratio: 2.09 Failed ⁵	Ratio: 1.72 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 1.01 Failed ⁵	

Details can be found at <https://www.w3.org/TR/WCAG20/>.

¹ AA
AA level of the Web Content Accessibility Guidelines (WCAG) 2.0 for any text size.

² AA 18pt
AA level for large text above 18pt.

³ AAA
AAA level of the Web Content Accessibility Guidelines (WCAG) 2.0 for any text size.

⁴ AAA 18pt
AAA level for large text above 18pt.

⁵ Failed
Fails to comply with the Web Content Accessibility Guidelines (WCAG) 2.0.

⁶ Passed
Passes the AAA level of the Web Content Accessibility Guidelines (WCAG) 2.0 for all text sizes.